



MOUSE
RIVER
PLAN

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PROGRESS

Mouse River Plan PROGRESS was developed by the Souris River Joint Board and its' partners to keep project stakeholders, constituents, and the region updated on the progress of the Mouse River Enhanced Flood Protection Project (MREFPP). The MREFPP is a basin-wide endeavor focusing on flood risk reduction along the Mouse River. The estimated \$1 billion project was initiated following the devastating 2011 flood and is anticipated to be completed in 20 years.



PHASE MI-1 CONSTRUCTION UPDATE 4TH AVE/PUMP STATION

Flood protection contractors executed one of the largest concrete pours to date in late December and formed some of the lower walls of the Broadway Pump Station on the MI-1 4th Avenue flood protection project in Minot. The finished walls are between 1.5 and 4 feet thick, and measure 26 feet high. Roughly 410 cubic yards of concrete were needed, the equivalent of more than 40 truckloads. Park Construction and their sub-contractors were taking advantage of warmer than average weather in December to catch up on their scheduled timeline of work.

Colder weather to start 2019 has caused contractors to limit the work they can reasonably accomplish. Before the winter slowdown, contractors were able to finish a portion of the project's underground utilities from Walders St. to 2nd St. NE, this work included installation of water, sanitary sewer, and storm water lines. Work was also done in placing approximately 65 percent of the required rip rap along the banks of the Mouse River, and in prepping some of the future Fourth Avenue roadway. Overall project work is anticipated to start in earnest in spring 2019.

Park Construction has worked closely with the City of Minot Public Works Department in preparing the roads just north of the Fourth Avenue corridor for snow removal. Construction signage has been relocated on to the site, to allow for snow plowing, snow storage and snow removal by City equipment. In place of utilizing Fourth Avenue as a snow route, city equipment will now plow Sixth Avenue (from Third Street NE to Broadway) as a designated, temporary snow route. Should there be a concern related to snow removal, residents are encouraged to call the City Public Works Department at 857-4140.

Work is still progressing on each project despite frigid weather conditions during the winter months.





PHASE MI-2 & MI-3 CONSTRUCTION UPDATE NAPA VALLEY/FOREST ROAD

Construction on Phases MI-2 and MI-3 continues even through the extreme winter conditions. The contractor, Wagner Construction, has completed nearly all levee fill in both phases, with the exception of tie-in areas near the Perkett Ditch Pump Station, the 16th Street road closure structure and the Bark Park Gate Well. Levee fill in these areas will be completed once the structures are fully constructed later this construction season. Rip rap and topsoil have been placed along the finished sections of levee in anticipation of final seeding that will occur in later this spring.

Structural concrete work at the Perkett Pump Station has steadily progressed despite the recent bout of frigid weather. The concrete deck for the main floor of the pump station has been completed, meaning all concrete work related to the underground wet well is now complete. Vertical construction of the pump station has begun, and the precast concrete wall panels have been installed. Concrete work for the trash rack and gate well structures has also progressed. The trash rack structure is nearly complete, and the gate well structure is underway, with a 260-cubic yard concrete pour for the structure walls that occurred late-November. The concrete box culvert, made from a combination of pre-cast sections and cast-in-place sections, is nearing completion as well. Construction of the Bark Park Gatewell has also begun. Excavation for the gatewell is complete and preparation work for the concrete base slab is underway.

Work to restore impacted areas throughout the construction zone was prioritized in order to be completed prior to winter. Roadway reconstruction along 16th Street SW, 2nd Avenue SW, 3rd Avenue SW, 4th Avenue SW, 5th Avenue SW, and portions of Forest Road is complete. Traffic control measures have been removed from these areas and have been fully open to traffic since the onset of winter. Other project restoration items

include finish grading and seeding along the western portions of the levee and at the new Bark Park. Landscaping and tree planting in the new Bark Park and several other locations in the western portion of the project have also been completed.

Although construction work will be limited throughout the remaining winter months there are several areas the contractor will be able to focus on and continue progress. Construction on the Perkett Ditch Pump Station will continue with exterior framework and roof construction. Once the pump station is enclosed, electrical and mechanical work can begin. The Wee Links Irrigation Building has a completed foundation and framed exterior; building construction will continue through the winter in order to be operational for the 2019 season. Structural concrete will commence on the Bark Park Gate well as weather allows.



Design Kicks Off For Three Bridge Projects



Design for Phases SA-1 Sawyer Bridge, VE-1 Velva Bridge, and RC-1 Mouse River Park Bridge, was recently authorized by the Souris River Joint Board. Initial field investigations including surveying and soil testing are underway.

Plans for the Sawyer Highway 23 Bridge and Velva Highway 41 Bridge include a replacement of the existing bridges. The new bridges will be raised and lengthened to increase conveyance through these segments of the Mouse River and alleviate the flood risk for residents in Sawyer and Velva.

At Mouse River Park, work will be focused on the replacement of the 95th Street Bridge. A number of solutions are being analyzed to determine the best solutions to minimize flooding impacts along this corridor.

Design on these three phases is expected to be completed in 2019. Construction will be advanced once funding has been secured.



Phase BU-1A – Burlington Colton Avenue Bridge Replacement

The removal and replacement of the Colton Avenue Bridge located at the intersection of County Roads 10 and 15 is the first phase of the City of Burlington flood protection project. Plans include the removal of the existing 120-foot-long bridge which will be replaced with a 300-foot-long bridge. Additionally, Colton Avenue (County Road 10) will be raised by 6 feet, eliminating the need for a road closure structure. The objective of these enhancements is to increase water conveyance at Colton Avenue. As a part of the project, the bridge will be upgraded to current ND Department of Transportation standards and will be widened to increase safety for pedestrian traffic.

The project has been designed and was issued for bid on February 8, 2019 with bids to be received on March 5, 2019. The project is anticipated to begin construction in the spring of 2019 and be substantially completed and open for traffic within one construction season.